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ABSTRACT

A fluorine-containing photocurable composition containing a (meth)acrylate having a fluorinated alkyl group (A) and a photopolymerization initiator (B). The (meth)acrylate (A) includes a group represented by general formula (1) and two or more (meth)acryloyl groups, and a fluorine atom content in one molecule of the acrylate is 25 % by weight or more, and molecular weight of the (meth)acrylate is 500 to 4000

(in the general formula (1), R represents a hydrogen atom or alkyl group having 1 to 4 carbon atoms; X represents an alkylene chain, which may have a hetero atom, or a connecting group represented by the following general formula (2); and Rf represents a fluorinated alkyl group)

$$-CH_{2}-Y-CH-C-O-(CH_{2})-C-O$$

15 (in the formula (2), Y represents an oxygen atom or a sulfur atom, m and n are an integer of 1 to 4 which may be the same as or different from each other; and Rf¹ is a fluorinated alkyl group).